

THICKNESS
IN FEET.

1105-1113 } Mostly decomposed granite, but con-
 } tains one fragment of large *Ostrea*.

The remainder of the section is taken from the driller's
written description of the materials penetrated.]

Red sand	1000-1011
Yellow sand.....	1011-1013
Yellow sand and gravel.....	1013-1015
Oyster shells, shale rock, mud.....	1015-1031
White clay and sand mixed.....	1031-1034
Blue clay.....	1034-1053
Gravel and green clay, soft rock.....	1053-1061
Soft rock, and shells.....	1061-1065
Sand	1065-1075
Black sand.....	1075-1081
Red and white clay.....	1081-1083
Sand and shells.....	1083-1087
Red clay and sand mixed.....	1087-1088
Red clay	1088-1095
Sand and small pebbles.....	1095-1104
Red clay and hard rock, which looks like granite.....	1104-1109

Basement Rock:

Granite	1109-1330
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A brief account of the Hilton Park well by Prof. J. A. Holmes is given in *Science*, new series, vol. 9, 1900, pp. 128-130.

On the basis of the evidence obtained from the fossils, the strata penetrated in the upper 720 feet are regarded by Dr. Stanton as the equivalent of the Ripley formation, and the remaining 389 feet down to the basal granite at a depth of 1,109 feet as the equivalent of the Eutaw formation. Beds representing the Lower Cretaceous seem to be absent. The reference of the lower beds to the Eutaw was made on the ground of the occurrence of the fossil *Ostrea cretacea* Morton. According to the present classification of the North Carolina deposits, the portion of the section which he correlated with the Ripley formation should be referred to the Peedee sand and the remainder or Eutaw portion of the section to the Black Creek formation.

Section of well at northeast corner of Third and Nunn streets, Wilmington, N. C., owned by John D. Bellamy, Jr., from samples furnished by John D. Lowry, contractor:

THICKNESS
IN FEET.

No sample (probably <i>Pleistocene</i>)	1- 35
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Miocene:

1-2. White to light gray sand, fossiliferous in sample No. 2....	35- 58
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(*Eocene* does not appear to be present.)